

REMARKS

Claims 1-13 are currently pending in the case. The Applicants have cancelled Claims 2, 3 and 10, without prejudice, and have incorporated their subject matter into amended Claim 1. Moreover, the Applicants have amended Claims 1, 5, 7, 8, 11, 12 and 13 to particularly point out and distinctly claim the subject matter that Applicants regard as their invention. Adequate support for the present amendments is found throughout the present specification and claims, as originally filed.

Priority under 35 USC §119(b)

The Examiner has asserted that Applicants have yet to file a certified copy of PCT/US98/20491 to perfect their claim of foreign priority. The Applicants duly thank the Examiner for reminding the Applicants of their obligation. The Applicants will immediately submit a certified copy of the foreign application to which they claim priority, following submission of the instant paper.

Rejection under 35 USC § 112, 2nd ¶

The Examiner has rejected Claims 3, 5, 7-8 and 11-13 under 35 USC § 112, second paragraph, as allegedly being indefinite for failing to particularly point out and distinctly claim the subject matter which Applicants regard as the invention. The Applicants respectfully direct the Examiner's attention to the "Amendments" section of the instant paper, in which Applicants have cancelled Claim 3 in favor of amended Claim 1 and amended Claims 5, 7-8 and 11-13, only to obviate the Examiner's rejection. Reconsideration and withdrawal of the rejection to Claims 3, 5, 7-8 and 11-13 under 35 USC § 112 are therefore respectfully requested.

Provisional Obviousness-Type Double Patenting

The Examiner has provisionally rejected Claims 1-13 of the present Application under the judicially created doctrine of obviousness-type double patenting as being unpatentable over Claims 1-9 and 18-20 of co-pending Application No. 09/806,048. Upon notification by the Examiner of allowable subject matter, Applicants will promptly file a Terminal Disclaimer under CFR § 3.73(b) to overcome this rejection.

Rejection under 35 USC § 102(b) over Lappas

The Examiner has rejected Claims 1, 4 and 9-13 under 35 USC § 102(b) as allegedly being anticipated by EP Patent Number 0,755,999 to Lappas (hereinafter "Lappas"). The Examiner's rejection is respectfully traversed. The Examiner's attention is directed to the "Amendments" section of the instant paper, in which Applicants have amended Claim 1, from which Claims 4 and 9-13 ultimately depend, only to obviate the Examiner's rejection. In light of the present amendments, the Applicants wish to underscore to the Examiner that Lappas fails to disclose a detergent and/or fabric care composition comprising a chemical entity, a surfactant, a protease and an enzyme binding domain, as required by amended Claim 1.

Reconsideration and withdrawal of the rejection to Claims 1, 4 and 9-13 under 35 USC § 102(b) are therefore respectfully requested.

Rejection under 35 USC § 103(a) over Fowler

The Examiner has rejected Claims 1-6, 8 and 9 under 35 USC § 103(a) as allegedly obvious over US Patent Number 6,268,196 to Fowler et al (hereinafter "Fowler"). The Examiner's rejection is respectfully traversed. The Examiner's attention is respectfully directed to the "Amendments" section of the instant paper, in which Applicants have amended Claim 1, from which Claims 2-6, 8 and 9 ultimately depend, to recite the specific polymers suitable for use in the present invention. In light of the present amendments, the Applicants submit that Fowler neither teaches nor suggests a detergent and/or fabric care composition comprising a polymer and a chemical entity comprising a deposition aid having a high affinity for cellulose and a benefit agent, wherein said deposition aid is an enzyme binding domain and said polymer is selected from the group consisting of: soil release polymers, dispersants, anti-redeposition polymers, dye transfer inhibitor polymers, flocculants and mixtures thereof, as required by amended Claim 1. Reconsideration and withdrawal of the rejection to Claims 1-6, 8 and 9 under 35 USC § 103(a) is therefore respectfully requested.

Rejection under 35 USC § 103(a) over Jones

The Examiner has rejected Claims 1, 2, 4-6 and 9-13 under 35 USC § 103(a) as allegedly obvious over WO Patent Number 98/00500 to Jones et al (hereinafter "Jones"). The Examiner's rejection is respectfully traversed. The Examiner's attention is respectfully directed to the "Amendments" section of the instant paper, in which Applicants have amended Claim 1 to recite the specific deposition aids suitable for use in the present invention. In light of the present amendments, the Applicants submit that Jones neither teaches nor suggests the specific deposition aids of the present invention, now required by amended Claim 1. Reconsideration and withdrawal of the rejection to Claims 1, 2, 4-6 and 9-13 under 35 USC § 103(a) are therefore respectfully requested.

Rejection under 35 USC § 103(a) over Jones in view of Fowler

The Examiner has rejected Claims 3 and 8 under 35 USC § 103(a) as allegedly obvious over Jones in view of Fowler. The Examiner's rejection is respectfully traversed. The Examiner's attention is respectfully directed to the "Amendments" section of the instant paper, in which Applicants have incorporated the subject matter of Claim 3 into Claim 1, from which Claim 8 depends. In light of the present amendments, the Applicants respectfully submit that Jones in view of Fowler neither teaches nor suggests a detergent composition comprising the specific deposition aids and polymers suitable for use in the present invention, as required by amended Claim 1. Reconsideration and withdrawal of the rejection to Claims 3 and 8 under 35 USC § 103(a) are therefore respectfully requested.

CONCLUSION

Attached hereto on a separate sheet is a "Version with Markings To Show Changes Made." Applicants have made an earnest effort to place the present claims in condition for allowance. WHEREFORE, entry of the amendments provided herewith, reconsideration of the claims as amended in light of the Remarks provided, withdrawal of the claims rejections, and allowance of Claims 1, 4-9 and 11-13, as amended, are respectfully requested. In the event that issues remain prior to allowance of the noted claims, then the Examiner is invited to call Applicants' undersigned attorney to discuss any remaining issues.

Respectfully submitted,

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

1. A laundry detergent and/or fabric care composition comprising a polymer and a chemical entity comprising a deposition aid having a high affinity for cellulose and a benefit agent;
wherein said deposition aid is an enzyme binding domain of a material selected from the group consisting of: phospholipases, keratanases, peroxidases, gluco-amylases, amylases, xylanases, esterases, acetyl esterases, pectinases, reductases, oxidases, phenoloxidases, lipoxygenases, ligninases, pullulanases, tannases, pentosanases, chitinases, mannanases, β -glucanases, arabinosidases, arabinofuranosidases, hyaluronidases, chondroitinases, dextranases, transferases, glycosyl transferases, laccases, carbohydrases, amino acid sequences comprising a cellulose binding domain and mixtures thereof;
wherein said amino acid sequence comprising a cellulose binding domain is selected from the group consisting of: CBDs CBHII from *Trichoderma reesei*, CBDs CenC, CenA and Cex from *Cellulomonas fimi*, CBD CBHI from *Trichoderma reesei*, CBD Cellulozome from *Clostridium cellulovorans*, CBD E3 from *Thermomonospora fusca*, CBD-dimer from *Clostridium stecorarium* (NCIMB11754) XynA, CBD from *Bacillus agaradherens* (NCIMB40482), CBD family 45 from *Humicola insolens* and mixtures thereof;
and further wherein said polymer is selected from the group consisting of: soil release polymers, dispersants, anti-redeposition polymers, dye transfer inhibitor polymers, flocculants and mixtures thereof.
5. A composition according to claim 1 wherein said ~~chemical component~~ benefit agent is linked to said deposition aid via a linking region.
7. A composition according to claim 5 wherein said linking region is a polymer selected from the group consisting of polyethylene glycol nucleophilic derivatives, polyethylene glycol carboxyl derivatives, polyethylene glycol electrophilically activated derivatives, polyethylene glycol sulfhydryl-selective derivatives, polyethylene glycol heterofunctional derivatives, polyethylene glycol biotin derivatives, polyethylene glycol vinyl derivatives, polyethylene glycol silane derivatives, polyethylene glycol phospholipid derivatives and mixtures thereof. PEG(NPC)₂, (NH₂)₂-PEG, t-BOC-NH-PEG-NH₂, MAL-PEG-NHS, VS-PEG-NHS polymers and/or mixtures thereof.
8. A composition according to claim 1 wherein said ~~chemical component~~ benefit agent is linked to said deposition aid or to said linking region via a weak bond.

11. A method of treating a fabric with a composition comprising a chemical entity and a polymer according to claim 1, for providing sanitation and/or insect control comprising the step of contacting said fabric with the composition according to claim 1.
12. A method of treating a fabric with a composition comprising a chemical entity and a polymer according to claim 1, for providing fabric cleaning including stain/soil removal, anti-redeposition of soils and/or whiteness maintenance comprising the step of contacting said fabric with the composition according to claim 1.
13. A method of treating a fabric with a composition comprising a chemical entity and a polymer according to claim 1, for providing fabric care improved fabric care including color care and/or fabric softness comprising the step of contacting said fabric with the composition according to claim 1.